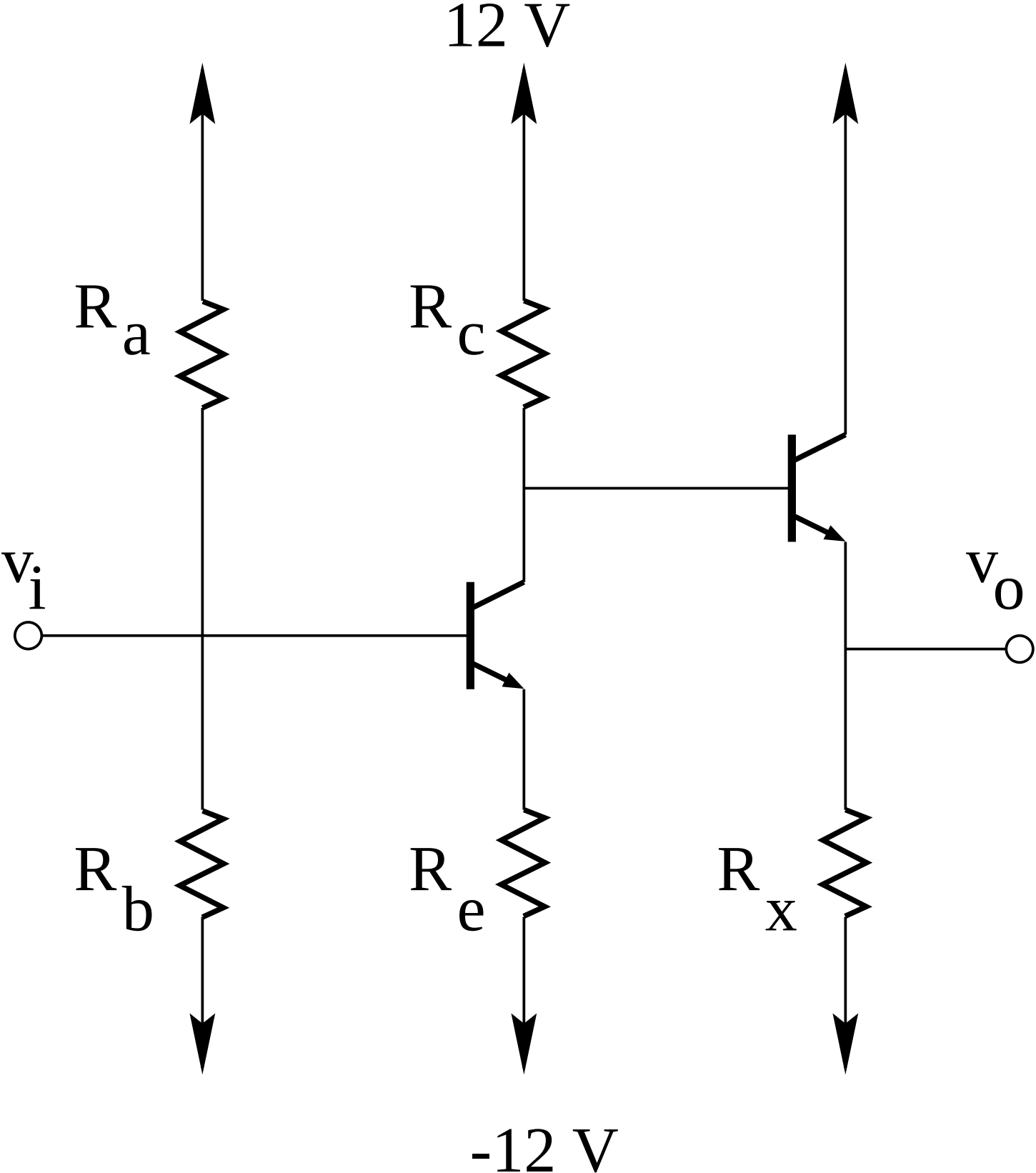
12 V
R_a
R_c
v_i
v_o
R_b
R_e
R_x
-12 V